

Message Text

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DRAFTED BY USAEC:JVANDERRYN
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TAGS: ENRG, TECH, TGEN

SUBJECT: AD HOC ENERGY R&D COAL REPORT

1. PLEASE DELIVER TO L. H. LEIGHTON OR G. PRESTON, ENERGY TECHNOLOGY DIVISION, DEPARTMENT OF ENERGY, ASAP FOLLOWING US COMMENTS ON REPORT OF MAY 10 COAL EXPERTS MEETING, DOCUMENT ECG/ERD/43.

2. FOLLOWING REVISIONS SUGGESTED TO PARA 3:

(A) ELIMINATE PHRASE "AIMED AT DEALING WITH WHAT IS FUNDAMENTALLY A COMPARATIVELY NARROW RANGE OF MINING SITUATIONS" FROM LINES 11-12.

(B) LINE 15. INSERT "MORE" BEFORE "COMMON BASIS"

(C) LINE 17. AFTER "REQUIREMENTS" INSERT "HOWEVER, IT SHOULD BE RECOGNIZED THAT SUCH REGULATIONS ARE COMMONLY ESTABLISHED BY LAW".

(D) LINE 19. AFTER "COLLABORATIVE BASIS" INSERT "EXAMPLES OF AREAS OF INTEREST INCLUDE THICK SEAM MINING
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TECHNIQUES, AUTOMATION OF LONGWALL FACE EQUIPMENT, STRATA
CONTROL STUDIES INVOLVING MULTIPLE SEAM MINING, METHANE

DRAINAGE, AND SAFETY CHAMBERS."

3. REVISIONS TO PARA 4:

(A) OMIT LINES 7 AND 8: "UNLIKE THE FIRST . . . IN THE
USA".

(B) ADD AT THE END OF THE PARA: "POTENTIAL COLLABORATIVE
PROJECTS INCLUDE THE USE OF ALTERNATIVE PROCESSES SUCH
AS PYROLYSIS, EXTRACTION, HYDROGENATION, AND COMBINATIONS
THEREOF TO PRODUCE LIQUIDS. GASIFICATION SYSTEMS SHOULD
INCLUDE CONSIDERATION OF SLAGGING, NON-SLAGGING, FIXED,
FLUID, AND MOVING BEDS OPERATING OVER A RANGE OF
PRESSURES TO ACCOMMODATE A BROAD RANGE OF COALS."

4. PARA 5:

(A) OMIT SENTENCE IN LINES 10-11: /AS WITH COAL
ALL PARTICIPATING COUNTRIES."

(B) REVISE LINES 14-17 TO READ: "WITH RESPECT TO COMBINED
POWER CYCLES THE BARRIER TO THE ACHIEVEMENT OF HIGH
THERMAL EFFICIENCY IS THE MAXIMUM CYCLE TEMPERATURE.
CURRENT INTEREST IN CYCLES SUCH AS HIGH TEMPERATURE GAS
TURBINES, TOPPING CYCLES AND ALTERNATE WORKING FLUIDS
LIES IN THEIR PROSPECTS FOR REDUCING . . ."

5. PARA 6:

(A) SUGGEST WORD "CONCERNS" REPLACE "PROBLEMS" IN LINES
1 AND 6.

(B) ELIMINATE LAST SENTENCE OF PARA. AND REPLACE WITH:
"OVERALL ENVIRONMENTAL CONCERNS SHOULD INCLUDE THE
CHARACTERIZATION, MEASUREMENT, AND MONITORING OF
POLLUTANTS RELEASED BY COAL BASED ENERGY SYSTEMS, A
DETERMINATION OF THE PATHWAYS BY WHICH POLLUTANTS ARE
TRANSMITTED FROM SOURCE TO ULTIMATE FATE, THE HEALTH,
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SOCIAL AND ECOLOGICAL EFFECTS AND THE CONTROL
TECHNOLOGY NECESSARY TO CONTAIN POLLUTANT IMPACT."

6. A NEW PARAGRAPH 14 SHOULD BE ADDED TO THE CONCLUSIONS
ALONG THE FOLLOWING LINES: "FOLLOW-UP MEETINGS BETWEEN
COAL EXPERTS SHOULD BE DEVOTED TO A DISCUSSION OF SPECIFIC
PROJECTS UNDER THE AREAS LISTED IN ANNEX C. LISTS OF

PROJECTS OF INTEREST IN EACH AREA SHOULD BE DEVELOPED BY EACH COUNTRY AND CIRCULATED FOR REVIEW BY THE OTHER INTERESTED NATIONS PRIOR TO SUCH EXPERTS MEETINGS".

7. WE ALSO SUGGEST ADDING A REFERENCE TO THE BODY OF THE REPORT THAT A NUMBER OF BILATERAL DISCUSSIONS CONCERNING COOPERATION IN COAL TECHNOLOGY ARE PRESENTLY UNDERWAY.

8. WE SUGGEST ADDING THE FOLLOWING AT THE END OF ANNEX C: "NOTE: ENVIRONMENTAL ACTIVITIES ARE INCLUDED IN EACH OF THE ABOVE AREAS".

9. THE U.S. ORGANIZATION LISTED IN ANNEX B SHOULD BE THE OFFICE OF RESEARCH AND DEVELOPMENT, DEPARTMENT OF THE INTERIOR.

10. FOR USEC BRUSSELS: PLEASE ALSO ADVISE KONRAD BUSCHBECK, FRG MISSION, OF THE ABOVE US COMMENTS. RUSH

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